

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.

FKI26

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**

Box Patent Application

Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**IMPROVED METHOD AND MULTI-PURPOSE APPARATUS FOR DISPENSING AND CIRCULATING FLUID IN WELLBORE CASING**

and invented by:

Donald E. Mosing  
Samuel P. Hawkins  
David L. Sipos  
Keith T. Lutgring

Burney J. Latiolais, Jr.

jc549 U.S. PTO  
09/20/98  
12/08/98

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 08/850,496

Which is a:

Pending

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 08/726,112

Which is a:

5,735,348

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 40 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets 9
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449      ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail *(Specify Label No.):* EH865966899US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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FKI26

Total Pages in this Submission

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)


16. ☐ Additional Enclosures (please identify below):

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	30	- 20 =	10	x \$18.00	\$180.00
Indep. Claims	4	- 3 =	1	x \$78.00	\$78.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$760.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$1,018.00

- ☒ A check in the amount of \$911.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 13-2166 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

  
Signature

Henry L. Ehrlich  
Reg. No. 39,663  
Matthews, Joseph, Shaddox & Mason P.L.L.C.  
P.O. Box 572957  
Houston, Texas 77257-2957  
(713) 781-9595-Telephone  
(713) 781-9274-Telecopier

Dated: 8 December 1998  
HFE

cc:

**TRANSMITTAL LETTER  
(General - Patent Pending)**

Docket No.  
**FKI26**

In Re Application Of: **Donald E. Mosing et al**

Serial No.

Filing Date

Examiner

Group Art Unit

Title: **IMPROVED METHOD AND MULTI-PURPOSE APPARATUS FOR DISPENSING AND CIRCULATING  
FLUID IN WELLBORE CASING**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

Transmitted herewith is:

**Patent Application Transmittal**

**Declaration and Power of Attorney; Assignment of Invention**

**Petition to Make Special Because of Applicant's Age; Declaration in Support of Petition to Make Special Because of  
Applicant's Age**

**Certificate of Express Mail Label # EH865966899US**

in the above identified application.

- ☐ No additional fee is required.
- ☒ A check in the amount of **\$1,018.00** is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **13-2166**  
as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

*Henry L Ehrlich*  
Signature

Dated: *8* December 1998

**Henry L. Ehrlich**  
**Reg. No. 39,663**  
**Matthews, Joseph, Shaddox & Mason, P.L.L.C.**  
**P.O. Box 572957**  
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**(713) 781-9274 - Telecopier**

I certify that this document and fee is being deposited  
on \_\_\_\_\_ with the U.S. Postal Service as  
first class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*

cc: *check # 1024 - 109.00*  
*check # 10200 - 911.00* } *1,018.00* *check # 10238 - 40.00*

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Donald E. Mosing et al**

Docket No.

**FKI26**

PTO

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: **IMPROVED METHOD AND MULTI-PURPOSE APPARATUS FOR DISPENSING AND CIRCULATING  
FLUID IN WELLBORE CASING**

I hereby certify that this **Patent Appl.; Decl. & POA; Assg. of Inv.; Pet. to Make Special; Decl. in Support**  
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

**December 8, 1998**  
(Date)

**Bea Baldwin**

(Typed or Printed Name of Person Mailing Correspondence)

**Bea Baldwin**  
(Signature of Person Mailing Correspondence)**EH865966899US**

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